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NOTES.

THE NATIONAL EDUCATION ASSOCIATION.

Boston, July 6 to 10, 1903.

THIS year it is Boston that is to receive the educational host, and from all accounts the eastern center of culture has, under the able administration of President Eliot, prepared a welcome for all. The Official Bulletin issued by Secretary Irwin E. Shepard, Winona, Minn., gives full information in regard to fares, side trips, hotels and lodging houses, local afternoon excursions, mail, and indeed it anticipates all questions that might be raised by anyone who wished the minutest information in regard to the great gathering. The arrangements seem to be ahead of anything ever attempted, and the meeting ought to be one of the most profitable in the history of the Association. The limitations of space prevent us from reprinting the Announcement, but copies may be had by addressing Mr. Shepard. The general directions and the program are given here so that our readers may know of the attractions and be able to appreciate our enthusiastic advocacy.

PROGRAMS.

GENERAL SESSIONS.

(Session in Mechanics Hall.)

MONDAY EVENING, JULY 6.

Blessing—Rev. Edward Everett Hale, D.D., Boston, Mass.

Addresses of Welcome—Hon. John L. Bates, governor of the commonwealth of Massachusetts; Hon. Patrick A. Collins, mayor of the city of Boston; Henry S. Pritchett, president of the Massachusetts Institute of Technology, Boston, Mass.

Replies—Albert G. Lane, district superintendent of schools, Chicago, Ill.; Hon. W. T. Harris, United States Commissioner of Education.

1. President's Address—"The New Definition of the Cultivated Man," Charles W. Eliot, president of Harvard University, Cambridge, Mass.

2. "The Jeopardy of the Culture Element in Education"—E. Benjamin Andrews, chancellor of the University of Nebraska, Lincoln, Neb.

TUESDAY EVENING, JULY 7.

Topic: "Manual, Trade, and Technical Education"—Calvin M. Woodward, professor of mathematics and dean of the School of Engineering, Washington University, St. Louis, Mo.; Robert H. Thurston, professor of mechanical engineering, Cornell University, Ithaca, N. Y.; Thomas M. Balliet, superintendent of schools, Springfield, Mass.; Henry S. Pritchett, president of the Massachusetts Institute of Technology, Boston, Mass.

WEDNESDAY EVENING, JULY 8.

Topic: "School Gardens, City School Yards, and the Surroundings of Rural Schools"—Orville T. Bright, principal of the James R. Doolittle School, Chicago, Ill.; Charles R. Skinner, state superintendent of public instruction, Albany, N. Y.; Hon. Charles B. Aycock, governor of North Carolina; Henry L. Clapp, principal of the George Putnam School, Boston, Mass.

THURSDAY EVENING, JULY 6.

1. "The Teaching of Civics and Good Citizenship in the Public Schools"—R. W. G. Welling, New York city.
2. "The Justification of City Expenditure on Parks and Parkways—Material for Public Education"—Hon. Nathan Matthews, Jr., Boston, Mass.
3. "The Nature-Study Movement"—L. H. Bailey, professor of general and experimental horticulture, Cornell University, Ithaca, N. Y.

FRIDAY EVENING, JULY 10.

Topic: "Education in the Southern States"—Hon. Charles B. Aycock, governor of North Carolina; Wallace Buttrick, secretary and executive officer of the General Education Board, New York city; Edgar G. Murphy, secretary of the Southern Educational Board; Rev. Charles T. Walker, Augusta, Ga.

NOTE.—Owing to the change of the time of the opening session of the Boston Convention and the omission of all afternoon sessions, the time for the meeting of active members of the various states to select nominees for the General Nominating Committee, in accordance with By-law No. 1, is fixed for Tuesday morning at 9 o'clock at the respective state headquarters.

The Annual Meeting of Active Members will occur at 12 noon on Thursday, July 9. The place of meeting will be announced in the Official Program.

THE NATIONAL COUNCIL.

(Sessions in Second Church in Boston.)

MONDAY MORNING, JULY 6.

"The Voluntary Element in Education"—Charles De Garmo, professor of science and art of education, Cornell University, Ithaca, N. Y.

"Saving of Time in Elementary and Secondary Education"—Thomas M. Balliet, superintendent of schools, Springfield, Mass.; Mrs. Ella Flagg Young, professor of education, University of Chicago, Chicago, Ill.

MONDAY AFTERNOON, JULY 6.

"The Educational Progress of the Year"—Wm. DeWitt Hyde, president of Bowdoin College, Brunswick, Me.

TUESDAY MORNING, JULY 7.

"Religious Education"—George Albert Coe, professor of philosophy, Northwestern University, Evanston, Ill.; Rt. Rev. J. Lancaster Spalding, bishop of Peoria; W. T. Harris, U. S. Commissioner of Education.

DEPARTMENT OF KINDERGARTEN EDUCATION.

(Sessions in South Congregational Church.)

THURSDAY MORNING, JULY 9.

Topic: "The Extension of the Kindergarten Ideal into Other Fields of Education."

1. "Kindergarten Principles in Social Work"—Joseph Lee, vice-president of the Massachusetts Civic League, Boston, Mass.

2. "Kindergarten Principles in General Education"—Miss Sarah L. Arnold, dean of Simmons College, Boston, Mass.

General Discussion—Charles W. Eliot, president of Harvard University; Michael Anagnos, director Perkins Institution for the Blind, Boston, Mass.; James J. Greenough, master of Noble and Greenough's School, Boston, Mass.; F. Louis Soldan, superintendent of schools, St. Louis, Mo.

FRIDAY MORNING, JULY 10.

Topic: "The Kindergarten and the Community."

1. "The Kindergarten an Uplifting Influence in the Home and the District"—Richard Watson Gilder, editor of the *Century Magazine*, New York city.

2. "The Power of the Kindergarten Training School in the Education of Young Women"—Miss Caroline M. C. Hart, Baltimore Kindergarten Association, Baltimore, Md.

3. "The Scope and Results of Mothers' Classes"—Miss Elizabeth Harrison, principal of The Kindergarten College, Chicago, Ill.

General Discussion—Mrs. Marion M. B. Langzettell, New York city; Mrs. Ella Flagg Young, professor of education, University of Chicago, Chicago, Ill.; Paul H. Hanus, professor of the history and art of teaching, Harvard University, Cambridge, Mass.

DEPARTMENT OF ELEMENTARY EDUCATION.

(Sessions in South Congregational Church.)

TUESDAY MORNING, JULY 7.

1. "The Child and the Animal"—William J. Long, author of *Wood Folk*, etc., Stamford, Conn.
2. "Nature Study True to Life"—Clifton F. Hodge, Clark University, Worcester, Mass. Discussion—Wilbur S. Jackman, dean of School of Education, University of Chicago, Chicago, Ill.; Miss Emma G. Olmstead, principal of Training School, Scranton, Pa.
3. "The Child's Favorite Subject in the Elementary Curriculum"—Earl Barnes, staff lecturer of the American Society for Extension of University Teaching, Philadelphia, Pa.
4. "Breaking the Lock-Step"—William J. Shearer, superintendent of schools, Elizabeth, N. J. Discussion—J. H. Van Sickle, superintendent of schools, Baltimore, Md.; Miss Ada Van Stone Harris, supervisor of primary schools, Rochester, N. Y.

DEPARTMENT OF SECONDARY EDUCATION.

(Sessions in Central Congregational Church.)

THURSDAY MORNING, JULY 9.

1. *President's Address*—Charles F. Wheelock, head inspector University of the State of New York, Albany, N. Y.
2. "Tendencies as to the Enlargement of the Secondary Field"—Rueben Post Halleck, principal of Boys' High School, Louisville, Ky.; George D. Pettee, principal of University School, Cleveland, O.; Wilson Farrand, head master of Newark Academy, Newark, N. J.; Isaac Thomas, principal of Edmunds High School, Burlington, Vt.
General discussion.
3. *Conferences: Classics*—Leader, Henry White Callahan, head master, State Preparatory School, Boulder, Colo. *English*—Leader, Charles Swain Thomas, English Department, Shortridge High School, Indianapolis, Ind. *Principals*—Leader, William J. S. Bryan, principal of Normal and High School, St. Louis, Mo.; *topic*, "The Formation of a Federation of Secondary-School Associations."

FRIDAY MORNING, JULY 10.

1. "Co-education in the High School"—G. Stanley Hall, president of Clark University, Worcester, Mass.; Frank Fosdick, principal Masten High School, Buffalo, N. Y.; J. Remsen Bishop, principal of Walnut Hills High School, Cincinnati, O.; J. A. Bivins, principal of High School, Charlotte, N. C. Discussion.
2. "The Teaching of Argumentative Discourse in High Schools"—G. P. Baker, assistant professor of English, Harvard University, Cambridge, Mass.
3. *Conferences: Mathematics*—Leader, David Eugene Smith, professor of mathematics, Teachers College, Columbia University, New York city. *History*—Leader, James Sullivan, principal of School of Commerce, New York city.

DEPARTMENT OF HIGHER EDUCATION.

(Sessions in Central Congregational Church.)

TUESDAY MORNING, JULY 7.

Topic: "The Length of the Baccalaureate Course, and the Preparation for the Professional Schools." *Papers*—Charles W. Eliot, president of Harvard University; Nicholas Murray Butler, president of Columbia University. *Discussion*—Elmer E. Brown, professor of theory and practice of education, University of California; Daniel W. Hering, professor of physics, Teachers College, Columbia University.

WEDNESDAY MORNING, JULY 8.

Topic: "Shall the University concern itself more directly with the morals and manners of its students? If so, by what methods and devices? Should there be in every college and university a medical visitor who should also be an advisor for students on all matters relating to health and disease?" *Papers*—George Harris, president of Amherst College; William J. Tucker, president of Dartmouth College; W. F. Slocum, president of Colorado College; Rev. Thomas Frank Gailor, bishop of Tennessee, Nashville, Tenn.

DEPARTMENT OF NORMAL SCHOOLS.

(Sessions in Arlington Street Church.)

TUESDAY MORNING, JULY 7.

1. "The Future of the Normal School," Charles S. Chapin, principal of the State Normal School, Providence, R. I.

2. "The City Normal School of the Future," Francis Burke Brandt, professor of pedagogy, Central High School, Philadelphia, Pa.

General Discussion—Opened by C. F. Carroll, superintendent of schools, Worcester, Mass.; P. P. Claxton, professor of pedagogy, University of Tennessee, Knoxville, Tenn.

3. "Does the Teacher's Knowledge of a Subject Differ from the Scholar's Knowledge?" W. W. Parsons, president of State Normal School, Terre Haute, Ind.; David Eugene Smith, professor of Mathematics, Teachers College, New York city. Discussion—Opened by F. Louis Soldan, superintendent of schools, St. Louis, Mo.; John W. Cook, president of the Northern Illinois State Normal School, DeKalb, Ill.

WEDNESDAY MORNING, JULY 8.

1. Conditions for Admission to Normal Schools," Walter P. Beckwith, principal of the State Normal School, Salem, Mass.; R. H. Halsey, president of the State Normal School, Oshkosh, Wis. Discussion—Opened by C. T. McFarlane, principal of the State Normal School, Brockport, N. Y.; E. W. Bohannon, president of the State Normal School, Duluth, Minn.; E. L. Hendricks, superintendent of schools, Delphi, Ind.; Frank A. Hill, secretary of the State Board of Education, Boston, Mass.

2. "The Academic Side of Normal-School Work," Henry Johnson, teacher of history, Eastern Illinois State Normal School, Charleston, Ill.

3. "To What Extent and in What Manner Can the Normal School Increase its Scholarship: (a) Without Diminishing its Output; (b) Without Increasing its Cost Too Greatly; (c) Without Infringing upon the Legitimate Liberal Arts Course of the College?"—James M. Green, principal of the State Normal School, Trenton, N. J. Discussion—Opened by Albert Leonard, editor of the *Journal of Pedagogy*, Boston, Mass.; Henry G. Williams, dean of the State Normal College, Ohio University, Athens, O.; Charles DeGarmo, professor of the Science and Art of Education, Cornell University, Ithaca, N. Y.

DEPARTMENT OF MANUAL TRAINING.

(Sessions in Old South Church.)

TUESDAY MORNING, JULY 7.

Topic: "Trade Schools."

1. "The Demand for Trade Schools." (a) "From the Manufacturer's Point of View"—Milton P. Higgins, president of the Norton Emery Wheel Co., Worcester, Mass.; (b) "From the Educator's Point of View"—Arthur H. Chamberlain, principal of the Normal School of Throop Polytechnic Institute, Pasadena, Calif. Discussion—L. D. Burlingame, chief draughtsman, Brown & Sharpe Manufacturing Co., Providence, R. I.

2. "The Organization of Trade Schools." (a) "From the Point of View of the School Superintendent"—Thomas M. Balliet, superintendent of schools, Springfield, Mass.; (b) "From the Point of View of the Director of a Trade School"—Arthur L. Williston, director of the Department of Science and Technology, Pratt Institute, Brooklyn, N. Y. Discussion and Suggestions from Experience—Charles A. Bennett, head of Department of Manual Arts, Bradley Polytechnic Institute, Peoria, Ill.; Arthur A. Hamerschlag, consulting engineer, New York Trade School, New York city.

3. "Trade Schools and Workingmen's Organizations"—William H. Sayward, secretary of the National Association of Builders, Boston, Mass. Discussion.

WEDNESDAY MORNING, JULY 8.

(Joint Session with Art and Elementary Departments.)

Topic: "The Relation of Art Teaching to Manual Training and Industrial Training."

1. "Craftsmanship in Education"—Leslie W. Miller, principal of the School of Industrial Art of the Pennsylvania Museum, Philadelphia, Pa. Discussion—Laurin H. Martin, instructor in applied design, Massachusetts Normal Art School, Boston, Mass.; Robert D. Andrews, architect, Boston, Mass.; Albert Kingsbury, professor of applied mechanics, Worcester Polytechnic Institute, Worcester, Mass.; Walter S. Goodnough, director of art and manual training, Public Schools, Brooklyn, N. Y.

2. "Art Instruction as Related to Manual Work"—Alfred Vance Churchill, director of Department of Fine Arts, Teachers College, Columbia University, New York city. Discussion—(a) "With Relation to Elementary Schools"—James Frederick Hopkins, director of drawing, Public Schools, Boston, Mass.; (b) "With Relation to the High School"—Fred H. Daniels, supervisor of drawing, Springfield, Mass.; (c) "From the Point of View of the Manual-Training Teacher"—Luther W. Turner, instructor in Manual Training, Hill School, Pottstown, Pa.

3. "Indian Basketry: Its Poetry and Symbolism"—George Wharton James, Pasadena, Calif.

THURSDAY MORNING, JULY 9.

(Joint Session with Indian and Elementary Departments.)

Topic: "Practical Suggestions on a Wide Application of the Manual-Training Principle."

1. "Some Reasons Why Elementary Schools Should Include Manual Training in Their Courses of Instruction"—Elizabeth Euphrosyne Langley, assistant in manual training, School of Education, University of Chicago, Chicago, Ill.

"The Boy and His Handicraft"—George H. Bryant, president of the Eastern Manual-Training Association, Newport, R. I.

General Discussion—Frank M. Leavitt, supervisor of manual training, Boston, Mass.; Carroll G. Pearce, superintendent of schools, Omaha, Neb.

3. "Hand Work for High-School Girls"—Miss Abby L. Marlatt, instructor in Domestic Science, Manual Training High School, Providence, R. I., chairman of the Lake Placid Conference on Home Economics.

4. "The Practical Value of Manual Training"—James P. Haney, M. D., director of manual training, New York city.

General Discussion—Miss Lillie Collamore Smith, instructor in domestic science, High School, Brookline, Mass.; Arthur D. Dean, first assistant, Mechanic Arts High School, Springfield, Mass.; Calvin N. Kendall, superintendent of schools, Indianapolis, Ind.

DEPARTMENT OF ART EDUCATION.

(Sessions in Old South Church.)

FRIDAY MORNING, JULY 10.

1. "The Teaching of Art"—Denman W. Ross, lecturer on the theory of design, Harvard University, Cambridge, Mass. Discussion—Questions.

2. "Considerations for a Practical Study of Drawing in Public Schools"—Miss Bonnie E. Snow, supervisor of drawing, Minneapolis, Minn. Discussion—Charles M. Carter, director of art, city schools, Denver, Colo.; Solon P. Davis, director of art, city schools, Hartford, Conn.; William A. Mason, director of art, city schools, Philadelphia, Pa.

DEPARTMENT OF MUSIC EDUCATION.

(Sessions in New England Conservatory of Music.)

WEDNESDAY MORNING, JULY 8.

1. President's Address—Sterrie A. Weaver, supervisor of music, Westfield, Mass., and Torrington, Conn.

2. "The Training in Sight-Singing and Song Interpretation Which the Body of Normal-School Students Should Receive"—C. A. Fullerton, teacher of music, State Normal School, Cedar Rapids, Iowa; Julia E. Crane, Normal Institute of Music, Potsdam, N. Y.; A. Stanley Osborne, teacher of music, State Normal School, New Paltz, N. Y.; Miss Caroline V. Smith, teacher of music, State Normal School, Winona, Minn.

3. "The Real Purpose of Teaching Public-School Music"—Samuel W. Cole, supervisor of school music, Brookline, Mass.; Miss Mary Macskinner, principal of the Pierce School, Brookline, Mass.

4. "School Music—Has It Made Music Readers?" George W. Wilmot, supervisor of music, New Brunswick, N. J.; Ralph Baldwin, supervisor of school music, Northampton, Mass.

THURSDAY MORNING, JULY 9.

1. "Harmony as a Subject to be Counted for Admission to College"—Eugene D. Russell, principal of Classical High School, Lynn, Mass.

(Program incomplete.)

DEPARTMENT OF BUSINESS EDUCATION.

(Sessions in First Church in Boston.)

TUESDAY MORNING, JULY 7.

1. President's Address—"Commercial Education: Cultural or Vocational, Which?" J. H. Francis, principal of the Commercial High School, Los Angeles, Calif.

2. "Commercial Education and College-Entrance Requirements"—W. A. Scott, director of the school of commerce, University of Wisconsin, Madison, Wis.

General Discussion.

3. "The Disciplinary Value of Bookkeeping as a Study"—Enos Spencer, president Spencerian Business College, Louisville, Ky.

4. "History in Commercial Work—Its Practical Value, Character, and Place in the Course"—C. A. Herrick, professor of history, Central High School, Philadelphia, Pa.
General Discussion.

WEDNESDAY MORNING, JULY 8.

1. "Commercial Geography: The New Science—Its Practical Value, Character, and Place in the Course"—Frank O. Carpenter, master, Department of Commerce and Law, English High School, Boston, Mass.

2. "Science in Commercial Work—Its Practical Value, Character, and Place in the Course"—Frank M. Gilley, instructor in physics and chemistry, High School, Chelsea, Mass.

3. "Mathematics in Commercial Work—Its Practical Value, Character, and Place in the Course"—E. L. Thurston, instructor in mathematics, Business High School, Washington, D. C.

4. "The Disciplinary Value of Stenography and Typewriting as Studies"—W. H. Wagner, instructor in stenography and typewriting, Commercial High School, Los Angeles, Calif.
General Discussion.

FRIDAY MORNING, JULY 10.

Round Table Conference.

Subject: Report of the Committee of Ten on "A Commercial Course for American High Schools"—D. W. Springer, chairman, Ann Arbor, Mich.

DEPARTMENT OF CHILD STUDY.

(Sessions in First Baptist Church.)

TUESDAY MORNING, JULY 7.

Topic: "Child Study in Relation to Elementary Education."

1. "A Study Based on the Children of a State"—Earl Barnes, staff lecturer of American Society for Extension of University Teaching, Philadelphia, Pa. Discussion—Miss Lillie A. Williams, professor of psychology, State Normal School, Trenton, N. J.

2. "The Teacher's Practical Application of the Results of Child Study"—F. E. Spaulding, superintendent of schools, Passaic, N. J. Discussion—George E. Johnson, dean of Lower School, University School, Cleveland, O.; Ida C. Bender, M. D., supervisor of primary grades, Buffalo, N. Y.

3. "The Health and Growth of School Children"—W. W. Hastings, professor of physical training, International Y. M. C. A. Training School, Springfield, Mass. Discussion—George W. Fitz, M. D., Boston, Mass.

4. "School Hygiene in its Bearing on Child Life"—Thomas D. Wood, M. D., professor of physical education, Teachers College, Columbia University, New York city. Discussion—"Medical Inspection of Schools"—Homer W. Zirkle, principal of the Elmwood School, Denver, Colo.; C. P. Cary, state superintendent of public instruction, Madison, Wis.

THURSDAY MORNING, JULY 9.

Topic: "Child Study in Relation to Secondary Education."

1. "Sex Differentiation in Relation to Secondary Education"—A. H. Yoder, professor of pedagogy, University of Washington, Seattle, Wash. Discussion—Edwin D. Starbuck, associate professor of education, Stanford University, Calif.; Z. X. Snyder, president state normal school, Greeley, Colo.

2. "The Percentage of Boys Who Leave the High Schools, and the Reasons Thereof"—A. Caswell Ellis, associate professor of education, University of Texas, Austin, Tex. Discussion—J. W. Carr, superintendent of schools, Anderson, Ind.

3. "How to Increase the Attendance of Boys in the High School"—J. K. Stableton, superintendent of schools, Bloomington, Ill. Discussion—(1) "Self-Direction as a Motive for Increasing Attendance"—Colin A. Scott, Boston Normal School, Boston, Mass.; (2) "Influence of Men and Women Teachers"—Sanford Bell, professor of pedagogy, Mt. Holyoke College, South Hadley, Mass.

4. "Psychic Arrest in Adolescence"—G. Stanley Hall, president of Clark University, Worcester, Mass. Discussion.

DEPARTMENT OF PHYSICAL TRAINING.

WEDNESDAY MORNING, JULY 8.

1. President's Address, "Physical Education and Brain-Building"—William O. Krohn, Chicago, Ill.

2. "Physical Sanity and Outdoor Life"—Frederick Manley, author and lecturer, Boston, Mass.

3. "The Place of Physical Education in the Curriculum: Should it be Fundamental or Incidental?"—E. W. Lyttle, inspector of schools, University of the State of New York, Albany, N. Y.
4. Symposium—"How to Improve Public-School Gymnastics" (five minutes allowed each speaker). Luther M. Gurlick, Pratt Institute, Brooklyn, N. Y.; E. H. Arnold, New Haven, Conn.; Miss Amy Morris Homans, Boston Normal School of Gymnastics, Boston, Mass.; Thomas D. Wood, Columbia University, New York city; Miss A. C. Skeele, State Normal School, North Adams, Mass.; Miss Edith MacClure Love, director Woman's Gymnasium, State Normal School, Terre Haute, Ind.; Miss Mabel L. Pray, director physical training, public schools, Toledo, O.; James Fitzgerald, director physical training, public schools, Boston, Mass.

WEDNESDAY AFTERNOON (2 o'clock).

Illustrative Exercises in Physical Training, directed by Baroness Rose Posse, vice-president of the Department.

FRIDAY MORNING, JULY 10.

1. "Tests of Efficiency in Normal-School Gymnastics"—Baroness Rose Posse, director of Posse Gymnasium, Boston, Mass.
2. "Physical Training for the Mass of Students"—Dr. William G. Anderson, director of the gymnasium, Yale University, New Haven, Conn.; F. N. Whittier, director of the gymnasium, Bowdoin College, Brunswick, Me. Discussion—John R. Kirk, president of the State Normal School, Kirksville, Mo.
3. "Recreative Physical Exercise"—Ernst Hermann, superintendent of the Thomas G. Plant Company's Gymnasium for its Employees, Boston, Mass.

DEPARTMENT OF SCIENCE INSTRUCTION.

(Sessions in First Church in Boston.)

THURSDAY MORNING, JULY 9.

Topic: "Geology and Geography."

1. "Practical Methods in the Teaching of Geology"—N. S. Shaler, professor of geology, Harvard University, Cambridge, Mass.
2. "Out-of-Door Class Work in Geography"—F. P. Gulliver, teacher of geography, St. Mark's School, Southboro, Mass.
3. "Some Practical Methods of Geography Teaching in the Grades"—Mrs. L. A. Hitchcock, special teacher of geography, public schools, Meriden, Conn.

Topic: "Botany and Zoölogy."

1. "The Teaching of Biology in the High Schools"—A. S. Pearse, head of biological department, Omaha High School, Omaha, Neb.
2. "The Normal-School Side of Biologic Instruction"—L. J. Rettger, department of biology, Indiana State Normal School, Terre Haute, Ind.

Topic: "Physiology."

1. "Laboratory Teaching of Physiology"—W. T. Porter, M.D., professor of physiology, Harvard Medical School, Boston, Mass.
2. "Laboratory Work in High-School Physiology"—James E. Peabody, department of biology, Morris High School, New York city.

FRIDAY MORNING, JULY 10.

Topic: "Chemistry."

1. "College Chemistry and its Relation to Work Preparatory to it"—Ira Remsen, president of Johns Hopkins University, Baltimore, Md.
2. "High-School Chemistry in its Relation to the Colleges"—Rufus P. Williams, teacher of chemistry, English High School, Boston, Mass.

General discussion—(a) "From the College Standpoint"—H. P. Talbot, professor of analytical chemistry, Massachusetts Institute of Technology, Boston, Mass.; (b) "From the High-School Standpoint"—Lyman G. Smith, president of the New England Association of Chemistry Teachers; Albert S. Perkins, senior teacher of chemistry, High School, Dorchester, Mass.; (c) "The Normal-School View of Chemistry Teaching"—Lyman C. Newell, instructor of chemistry and Physics, State Normal School, Lowell, Mass.; (d) "From the City Superintendent's Point of View"—W. F. Kunze, superintendent of schools, Red Wing, Minn.

Topic: "Physics."

1. "College Physics"—LeRoy C. Cooley, professor of physics, Vassar College, Poughkeepsie, N.Y.
2. "The High-School Phase of Physics Teaching"—Irving O. Palmer, teacher of physics, High

School, Newtonville, Mass.; George R. Twiss, department of science, Central High School, Cleveland, O.; J. C. Packard, High School, Brookline, Mass.

3. "A Course in Physics for Technical High Schools"—Charles F. Warner, principal of Mechanic Arts High School, Springfield, Mass.

DÉPARTMENT OF SCHOOL ADMINISTRATION.

(Sessions in Normal Art School.)

WEDNESDAY MORNING, JULY 8.

1. "School Boards: Number of Members, Term of Service, Mode of Selection"—Calvin W. Edwards, president of the Board of Education, Albany, N. Y.; Grafton D. Cushing, president of the School Committee, Boston, Mass. Discussion—John E. Myer, member of Board of Education, Auburn, N. Y.; Charles Holden, member of Board of Education, Grand Rapids, Mich.; H. H. Shedd, Ashland, Neb.

2. "School Boards, Their Functions: Legislative, Executive, and Judicial"—B. F. Hunsicker, president of Board of Education, Reading, Pa. Discussion—Joseph Packard, president of Board of Education, Baltimore, Md.; L. C. Newton, president of Board of Education, Detroit, Mich.; Henry A. Rogers, president of Board of Education, New York city; A. Lawrence Lowell, ex-member of the School Committee, Boston, Mass.

THURSDAY MORNING, JULY 9.

1. "Consolidation of Rural Schools"—W. K. Fowler, state superintendent of Public Instruction, Lincoln, Neb.; Frank A. Hill, secretary of the State Board of Education, Boston, Mass. Discussion—O. J. Kern, superintendent of country schools, Rockford, Ill.; L. D. Bonebrake, state school commissioner, Columbus, O.

2. "Schoolhouse Architecture"—Edmund M. Wheelwright, school architect, Boston, Mass. Discussion—C. H. Parsons, school architect, Des Moines, Iowa.

LIBRARY DEPARTMENT.

(Sessions in Second Church in Boston.)

WEDNESDAY MORNING, JULY 8.

General Theme: "Co-operation of the Public Libraries with the Public Schools."

1. Announcements and brief Opening Address by the President of the Department, James H. Canfield, librarian of Columbia University, New York city.

2. "Some Co-operative Suggestions"—Alfred Bayliss, state superintendent of public instruction, Springfield, Ill.

3. "Public Library Work for Public Schools"—Miss Electra C. Doren, librarian, Public Library, Dayton, O.

4. "Class Libraries"—C. G. Leland, director of school libraries, New York city.

5. "Is the Public Library a Promptuary for the Public Schools?"—N. D. C. Hodges, librarian, Public Library, Cincinnati, O.

General Discussion—Opened by Fred W. Nichols, superintendent of schools, Evanston, Ill.

FRIDAY MORNING, JULY 10.

1. Address by Representative of the American Library Association.

2. "The Library as an Adjunct to the Secondary School"—E. O. Holland, Male High School, Louisville, Ky.

3. "Some Experiments in Nebraska"—Miss Clara B. Mason, principal of the Clifton Hill School, Omaha, Neb.

4. "From the School to the Library"—Charles B. Gilbert, New York city.

5. "Library Instruction in the Normal Schools"—William H. Brett, librarian, Public Library, Cleveland, O.

6. "What May Be Accomplished by Definite Instruction in the Normal Schools"—Miss Mary Eileen Ahern, editor of *Public Libraries*, Chicago, Ill.

General Discussion—Opened by Nathan C. Schaeffer, state superintendent of public instruction, Harrisburg, Pa.; continued by James M. Green, principal of the State Normal School, Trenton, N. J.; and Eliphalet Oram Lyte, principal of the State Normal School, Millersville, Pa.

DEPARTMENT OF SPECIAL EDUCATION.

(Sessions in First Baptist Church.)

WEDNESDAY MORNING, JULY 8.

1. President's Address—Edward E. Allen, principal of the Pennsylvania Institution for the Instruction of the Blind, Philadelphia, Pa.
2. "The Influence of the Study of the Unusual Child upon the Teaching of the Usual"—Frank H. Hall, ex-superintendent of the Institution for the Blind, Jacksonville, Ill.; George E. Johnson, dean of the lower school, University School, Cleveland, O. Discussion—Francis Burke Brandt, professor of pedagogy, Central High School, Philadelphia, Pa.
3. "Should the Scope of the Public-School System be Broadened to Take in All Children Capable of Education; and, if so, How Should This be Done?"—Alexander Graham Bell, Washington, D. C.; Miss Mary C. Green, ex-superintendent of special classes for the blind in the board schools, London, England. Discussion—Thomas D. Woods, M.D., professor of physical training, Teachers College, Columbia University, New York city; Miss Ellen Le Garde, director of physical training, including that of backward children, public schools, Providence, R. I.; G. Ferreri, ex-vice-principal of the School for the Deaf, Siena, Italy.
4. "Report of Commission on Statistics Relative to Children in the Public Schools of the United States Who Need Special Methods of Instruction"—F. W. Booth, editor *Association Review*, Philadelphia, Pa.

FRIDAY MORNING, JULY 10.

1. "How Can the Term 'Charitable' be Justly Applied to the Education of any Children?"—Charles W. Birtwell, general secretary, Children's Aid Society, Boston, Mass.; Edward A. Fay, vice-president of Gallaudet College, Washington, D. C., editor of *American Annals of the Deaf*. Discussion.
2. "What Teachers Need to Know about Sense Defects and Impediments: Messages Chiefly from Specialists in Medicine"—Clarence J. Blake, M.D., professor of otology, Harvard Medical School, Boston, Mass.; Myles Standish, M.D., instructor in ophthalmology, Harvard Medical School, Boston, Mass.; Allen Greenwood, M.D., ophthalmologist, Boston, Mass.; Eugene Crockett, M.D., specialist on diseases of the nose and naso-pharynx, Boston, Mass.; Mrs. E. J. Ellery Thorpe, specialist on speech defects, Newton Center, Mass. Discussion.

DEPARTMENT OF INDIAN EDUCATION.

(Sessions in Huntington Hall.)

TUESDAY MORNING, JULY 7.

Topic: "Citizenship."

1. President's Address: "Our Work, Its Progress and Needs"—H. B. Peairs, superintendent Haskell Institute, Kansas (20 minutes).
2. "The Essential Qualifications for Good Citizenship."—Dr. James H. Canfield, librarian of Columbia University, New York city (20 minutes).
3. Address—Dr. Sheldon Jackson, general agent of education in Alaska.
4. "To What Degree has the Present System of Indian Schools been Successful in Qualifying for Citizenship?"—Dr. H. B. Frissell, principal of Hampton Normal and Agricultural Institute, Va. (20 minutes).
5. "Some of the Conditions Which Prevent a Greater Degree of Success in Qualifying for Citizenship"—(a) Office—J. H. Dortch, Washington, D. C. (7 minutes); (b) Training Schools—Wm. M. Peterson, assistant superintendent, Chilocco, Okla. (7 minutes); (c) Reservation Schools—E. D. Moss-mann, superintendent Cheyenne River School, South Dakota (7 minutes); (d) Field—Jesse F. House, supervisor of Indian Schools (7 minutes).
6. "Preparing the Indian Boy and Girl for Vigorous Struggles with the Conditions under Which Their People Live"—J. E. Jenkins, inspector of Indian schools (20 minutes).
7. "Local Conditions; Special Training"—(a) North—Chas. F. Pierce, superintendent Riggs Institute, South Dakota (7 minutes); (b) Southwest—to be supplied; (c) Oklahoma, Indian Territory, and North Central States—L. M. Compton, superintendent Tomah School, Wisconsin (7 minutes); F. A. Thackery, superintendent Shawnee School, Oklahoma (7 minutes); (d) Northwest—E. L. Chalcraft, supervisor, Indian Schools (7 minutes).

Resolved, That any expenditure of public money to segregate Indians and to build up and strengthen their tribal life is unwarranted because against the best interests of both the Indians and the government.—Col. R. H. Pratt, superintendent Carlisle Indian School, Pennsylvania (20 minutes).

WEDNESDAY MORNING, JULY 8.

Topic: "Character Building."

1. Address—Edwin A. Alderman, president of Tulane University, New Orleans, La. (20 minutes.)
2. "The White Man's Burden *versus* Indigenous Development for the Lower Races"—G. Stanley Hall, president of Clark University, Worcester, Mass. (20 minutes.)
3. Address, William R. Harper, president of University of Chicago. (20 minutes.)
4. "Heart Culture"—Charles F. Meserve, president of Shaw University, Raleigh, N. C. (20 minutes.)
5. "The Distribution of Good Literature among Indian Students"—Miss Frances C. Sparhawk, Newton Center, Mass. (7 minutes.)
6. "Establishment of Employment Bureaus for Former Students"—Dr. Merrill E. Gates, Board of Indian Commissioners, Washington, D. C. (Conditional.)
7. Give Indians Work Instead of Annuities"—John R. Brennan, Indian Agent, Pine Ridge, S. D.
8. "Cultivating the Work Spirit among Indian Pupils"—Axel Jacobsen, superintendent of Indian School, Wittenburg, Wis.
9. Address—John R. Clarke, Boston, Mass.

FRIDAY MORNING, JULY 10.

Industrial and Miscellaneous Round Table:

1. Address—Dr. A. E. Winship, Boston, Mass. (20 minutes.)
2. Address—Frank Wood, Boston, Mass. (7 minutes.)
3. Address—Hamlin Garland, New York city.
4. "Native Industries"—Mrs. J. C. Hart, principal teacher, Oneida Indian School, Oneida, Wis. (5 minutes.)
5. "Transfer of Indian Children"—Edgar A. Allen, assistant superintendent of Indian School, Carlisle, Pa. (10 minutes.)
6. "School Gardens and Improvement of School Grounds"—Miss Louise Klein-Miller, Lowthorpe-Groton, Mass. (20 minutes.)
7. "Co-operation of Indian Schools with Local State Agricultural Schools"—A. O. Wright, supervisor of Indian Schools. (20 minutes.)
8. "Agricultural Instruction in Reservation Schools"—J. Thomas Hall, superintendent Crow Creek School, South Dakota; C. F. Werner, principal teacher, Flathead School, Montana. (5 minutes each.)
9. "The First and Most Important Step toward the Absorption of the Indian is to Teach Him to Earn His Living"—Miss M. Burgess, superintendent of printing, Carlisle, Pa. (7 minutes.)

NOTE—There will be an exhibit of Indian trade-school work, of Indian basketry and other handicrafts, and of manual-training work for boys and girls of all grades of Indian schools, in the rooms adjoining Huntington Hall on the second floor of the Rogers Building of the Massachusetts Institute of Technology. A general invitation to members and to the citizens of Boston to inspect this exhibit is cordially extended.

MEMBERSHIP REGISTRATION BUREAU—JOINT RAILWAY AGENCY—
COMMITTEE ON ACCOMMODATIONS.

By courtesy of the president and faculty of the Massachusetts Institute of Technology, the Membership Registration Bureau, the Joint Railway Agency, and the Local Committee on Assignment of Accommodations will be located in the Walker Building of the Institute, on Copley Square, opposite Trinity Church.

All persons attending the convention should report immediately on arrival in Boston at the Registration Bureau, exchange the railway membership coupon for an N. E. A. membership certificate and badge, and at the same time deposit the railway ticket with the Joint Railway Agent if extension of time for return is desired. In all cases the membership registration should be made before the railway ticket is deposited with the Joint Agent. The assignment of boarding accommodations will be made at the same time and place to registered members only.

All persons may register as members, either Active or Associate, by surrendering the railway membership coupon or by paying the membership fee. A statement of conditions and advantages of Active membership may be found on another page.

THE PURCHASE OF TICKETS.

Care should be taken in the purchase of tickets to see that a special "N. E. A." ticket is obtained bearing an N. E. A. membership coupon which will, by exchange in Boston, as above directed, secure all

special reduced rates and other privileges of membership, including a "Coupon for the Volume" of Proceedings of the Boston convention.

In all cases the purchaser should read the contract on the ticket and secure from the selling agent explanations of any provisions not fully understood. This will prevent errors, which are always embarrassing and often impossible to correct later.

DEPOSIT AND VALIDATION OF TICKETS.

It should be remembered that no tickets are good for return from Boston before July 8; that tickets on which extension of time is desired for return later than July 12 must be deposited with the Joint Agent before 6 P. M., July 11; and that all tickets, whether deposited or not, must be validated by the Joint Agent immediately before starting on the return trip.

A charge of fifty cents will be made by the Joint Agent for the deposit and validation of each ticket on which extension is granted; and a charge of twenty-five cents for each ticket not extended requiring validation only.

Tickets issued by the Eastern Steamship Company requiring extension of time limit for return must be deposited with the General Passenger Agent of that line at Foster's Wharf, Boston.

DEPOTS.

Passengers entering Boston via the lines of the Boston & Maine Railroad will arrive at the North Station and may reach Copley Square and the N. E. A. Headquarters via elevated trains and the Subway, changing (without extra fare) to trolley cars at the Park Street Subway Station.

Passengers arriving via the Boston & Albany Railroad are advised to leave the train at the Huntington Avenue Station, one block from Copley Square; passengers arriving over the lines of the New York, New Haven & Hartford Railroad should leave the train at the Back Bay station, one block from Copley Square.

If passengers go into the terminal (South) station a transfer to Copley Square may be made via elevated trains and the Subway, changing (without extra fare) to trolley cars at Park Street Subway Station.

Passengers arriving by any of the steamship lines will land at some wharf along Atlantic avenue, and are advised to take a north bound elevated train via North Station and the Subway, transferring (without extra fare) at Park Street Subway Station to trolley cars passing through Copley Square.

Special messengers and guides will be in attendance on and after July 3 at all stations and wharves to direct and assist N. E. A. visitors.

MEMBERSHIP.

Active membership—The present active membership of the Association includes over 3,000 of the leading teachers in the United States.

All teachers and others actively associated with educational institutions, including libraries and periodicals, may become active members by paying an enrolment fee of \$2, in addition to the annual dues (\$2), which may be discharged by surrendering the railway membership coupon at the Registration Bureau.

Active membership implies permanent membership and continues until notice of discontinuance is sent to the Secretary. Among the many special advantages of active membership may be mentioned the following:

1. Active and permanent connection with the National Educational Association and its work.
2. Publication of name (with titles of degree, if any) and educational position in the active membership list, which now constitutes the most valuable educational directory issued.
3. The annual volume of Proceedings without "coupon" or other conditions, together with bulletins of information and other publications issued by the Association.
4. The privilege of voting, holding office, and sharing in the business management of the Association and its departments.
5. Many special privileges at the time of the annual convention which are extended to active members as the delegate and representative body of the Association.

Active members already enrolled are especially requested to announce the fact of such membership at the Registration Bureau at Boston, that the proper certificate and badge (blue) may be issued, and credit of dues paid entered on the records.

Associate membership—Associate membership certificates will be issued to those who are not engaged in educational work, as well as to those who may be eligible to active membership, but who do not choose to enroll as such.

REVIEW.

The Executive Committee submits the foregoing bulletin of programs, railroad rates, and local arrangements for the Forty-second Annual Convention in confidence that it will convey assurance of a large and successful meeting at Boston in July.

While the chief concern has been to present the best possible programs for both general and department sessions, it has been the aim also to provide ample opportunities and facilities for visiting the many points of historical, literary, and educational interest in and about Boston. To this end all sessions of the Convention will be held in forenoons and evenings only, leaving the afternoons free for recreation and excursions.

These excursions will be under the direction of the Local Committee, who will provide valuable guide books and a sufficient number of expert conductors to insure the utmost profit as well as entertainment.

The generous plans of the American Institute of Instruction, supported by the state associations and other educational organizations of New England, for the social entertainment of the members at Rogers Hall promise to constitute a delightful and valuable feature of convention week.

The provisions for the extension of tickets for return until September 1 will enable members to spend the vacation season in New England at any of the various mountain and seaside resorts, or in the quiet of New England homes. The railway lines leading from Boston are preparing complete guides to these resorts showing rates, routes, and cost of living at various points. These may be had on application to the Local Executive Committee, Room 701, No. 60 State street, Boston, Mass.

Attention is called to the excellent arrangement by which all meetings are to be held in the immediate vicinity of Copley Square. Admission to these meetings will be on membership badge or certificate. Special seats will be reserved for active members and their families until the hour of opening each session, when reserved seats not occupied will be thrown open to all members alike.

It should be noted that all states, without exception, are accommodated with headquarters rooms in hotels immediately about Copley Square, and that the Membership Registration Bureau, Joint Railway Agency, and Accommodations Committee, as well as the headquarters of the Executive Committee and department officers, are located on Copley Square at the center of all meeting places.

Active Members of the Association and others are invited to send to the Secretary, undersigned, addresses of those who will be interested to receive this Program-Bulletin, and to co-operate with their respective State Directors and Managers in extending information of the Forty-Second Annual Convention.

CHARLES W. ELIOT,

President N. E. A., Cambridge, Mass.

IRWIN SHEPARD,

Secretary, N. E. A., Winona, Minn.

A CARD

If you are coming to Boston to attend the N. E. A. convention you are cordially invited to visit the oldest publishing house in the city, a house which traces its origin back to 1784. This firm publishes the works of Francis Parkman, Louisa M. Alcott, Edward Everett Hale, Helen Hunt Jackson, Capt. A. T. Mahan, Henryk Sienkiewicz, Daniel Webster, and other great writers. Besides works in general literature, books of the greatest value for supplementary reading and school and academy libraries are published by this house. Our retail store and publishing department are located at 254 Washington St.

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